



## PATENT ABSTRACTS OF JAPAN

(11) Publication number (Emperor's year): 10016568 A

(43) Date of publication of application: 20 . 01 . 98

(51) Int. Cl. B60J 7/00

(21) Application number: 08169159

(22) Date of filing: 28 . 06 . 96

(71) Applicant: OI SEISAKUSHO CO LTD NISSAN MOTOR CO LTD

(72) Inventor: TAKAHASHI ATSUSHI  
OTSU MASANOBU  
ITO NOBUO  
OIKE FUTOSHI

## (54) SUN SHADE DEVICE

smooth movement is guaranteed.

## (57) Abstract:

COPYRIGHT: (C)1998,JPO

**PROBLEM TO BE SOLVED:** To avoid a situation of causing undesirable looseness between a guide member and a shade member at the time when the shade member is moved by forming a holding part to hold an energizing member in a specified form on one of respective pressure parts on inner peripheral edge parts of a sliding part and a storage part.

**SOLUTION:** A plate spring 30 is installed on a spring storage part 18 of a sliding member 12 at the time of assembling a plate member as a shade member to be arranged in a car room by facing against a sun roof device and the sliding member 12 to be arranged on both front and rear side edges of the plate member on a car body. At this time, installation of the plate spring 30 is carried out by pulling the sliding member 22 against elastic force of connecting members 24A, 24B, and at this time, a spring bearing part 22b as a holding part makes contact with a top part 30c of the plate spring 30. Consequently, the top part 30c of the plate spring 30 is never released from the spring bearing part 22b of the sliding member 12 due to oscillation, etc., at the time of sliding along a guide rail of the sliding member 22, oscillation absorption is stably carried out, and

